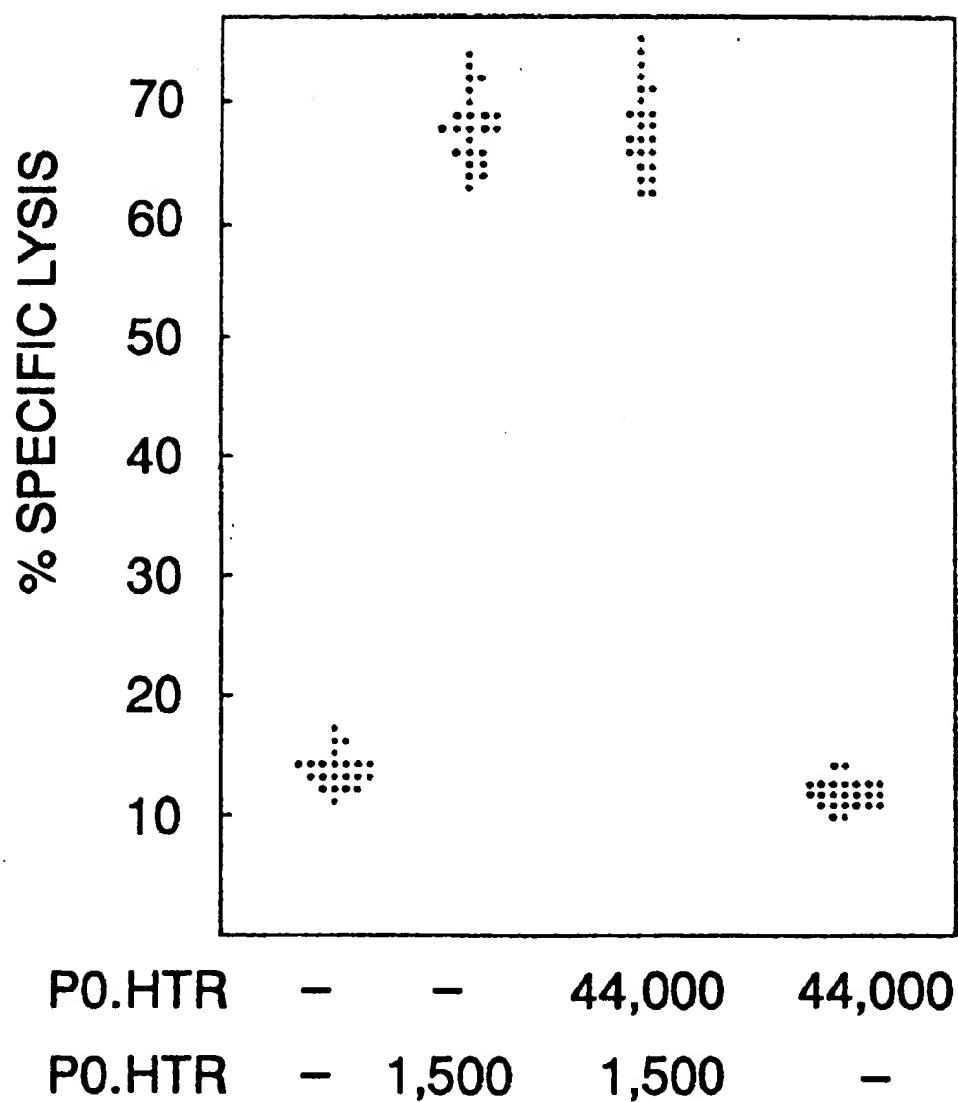
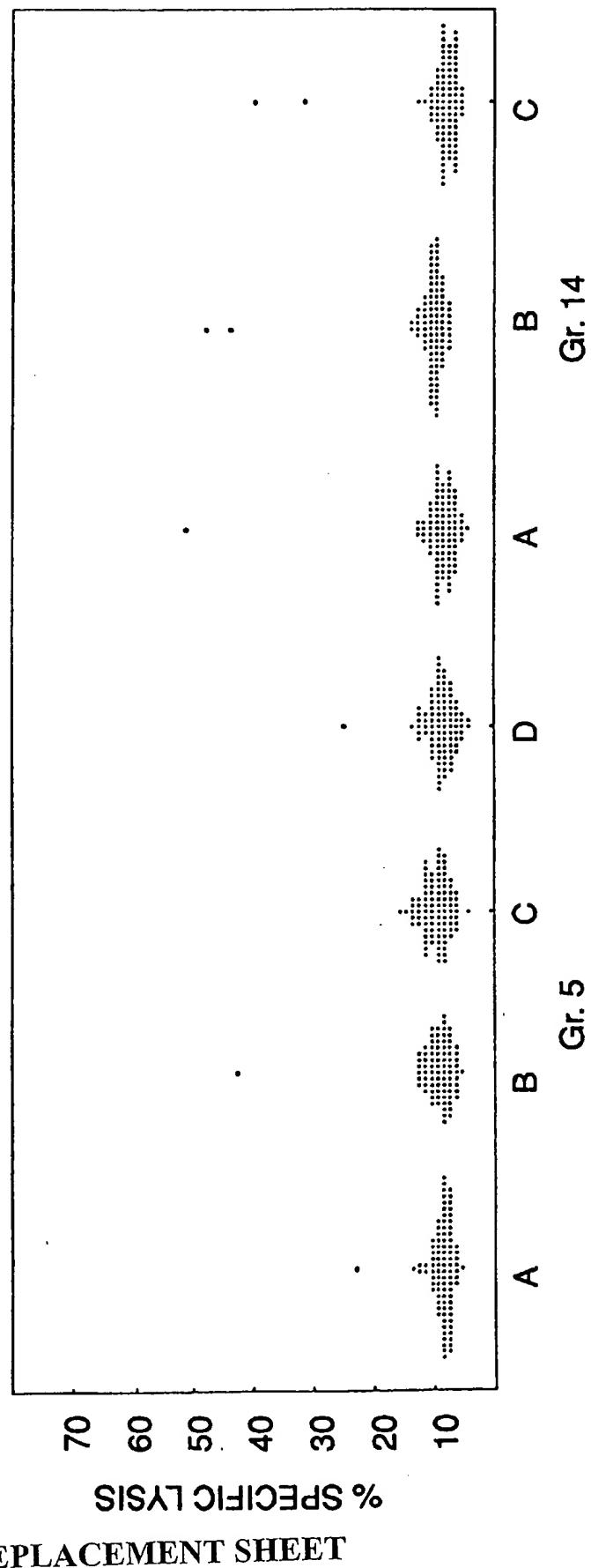


# **FIG. 1A**

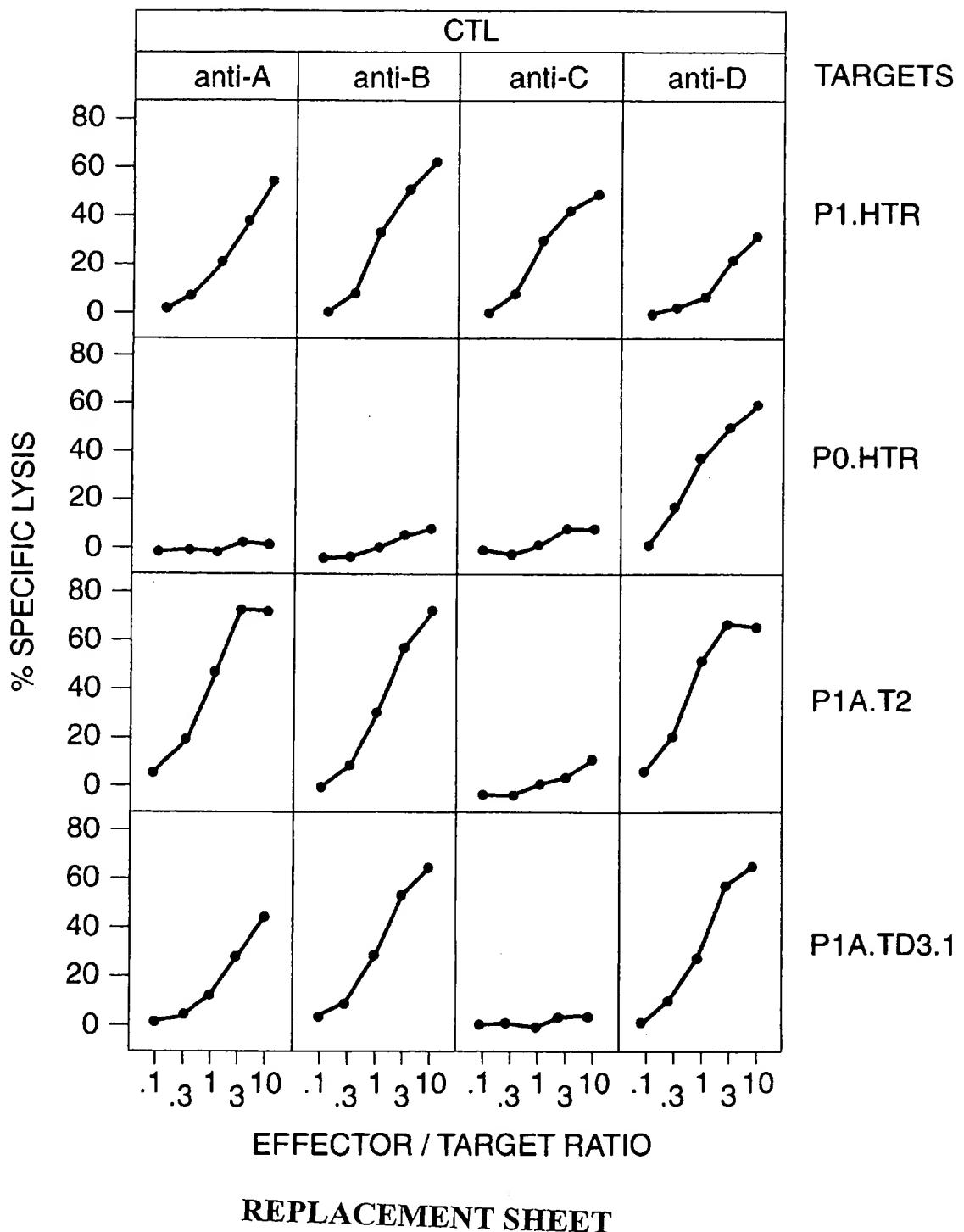


**REPLACEMENT SHEET**

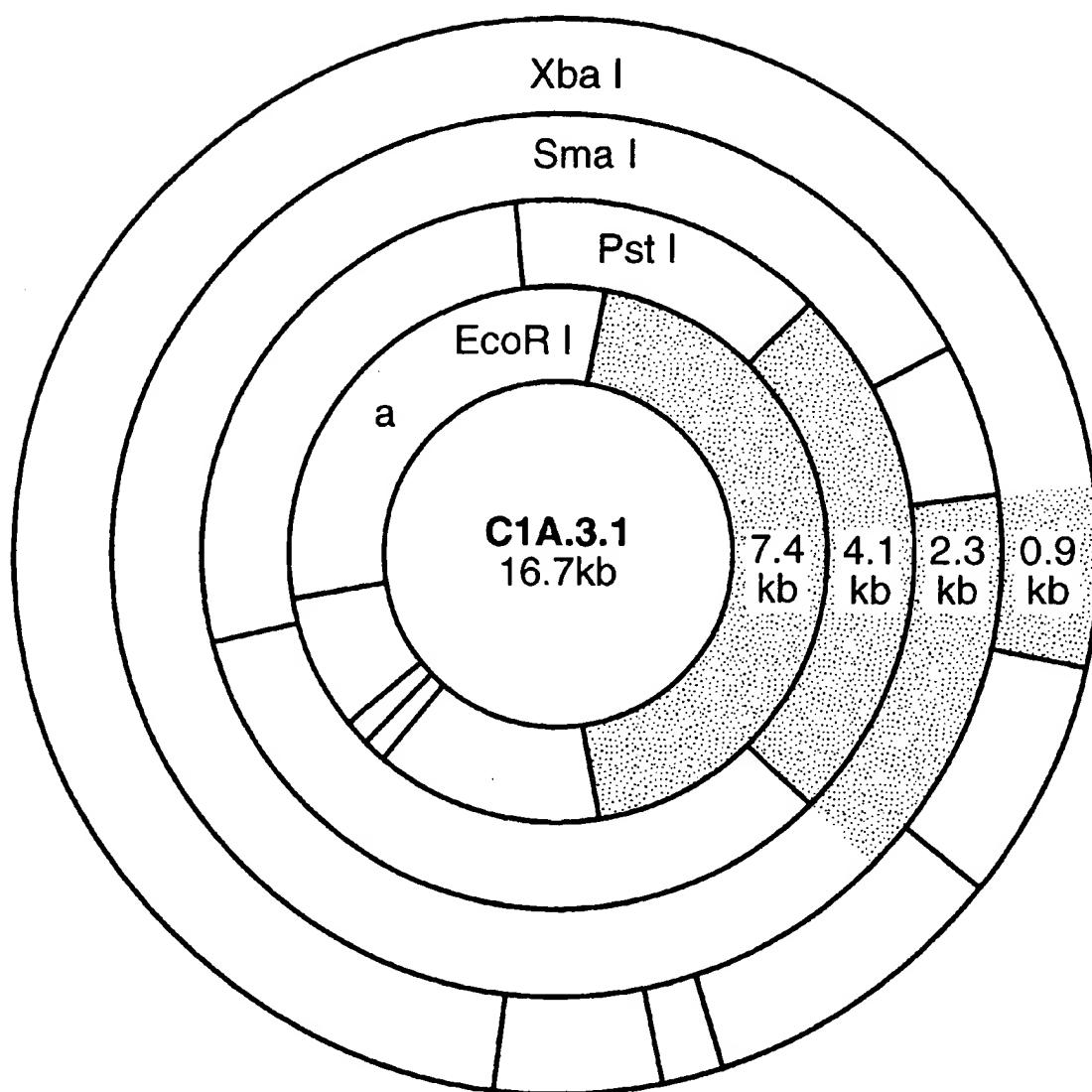
**FIG. 1B**



## FIG. 2

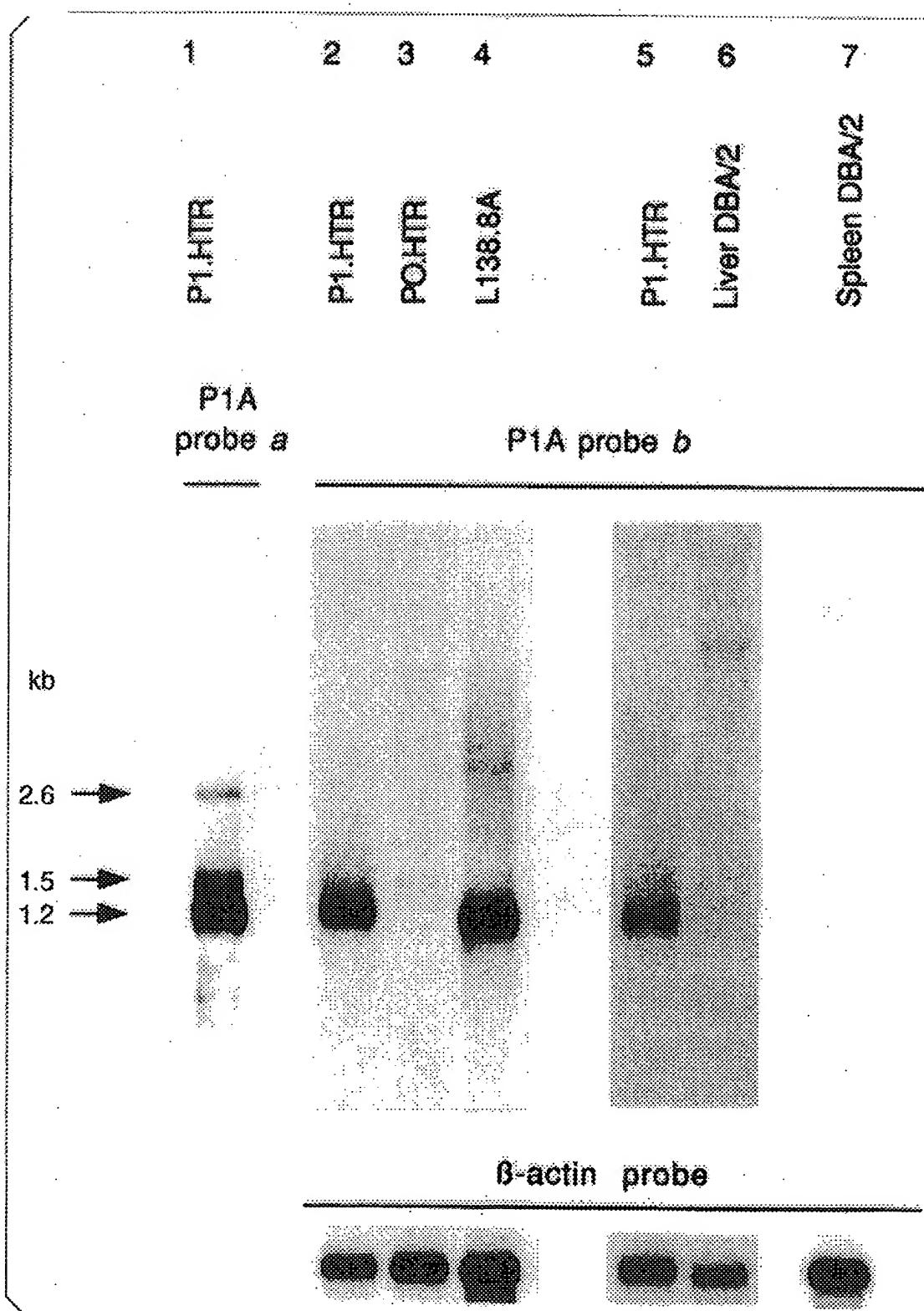


**FIG. 3**



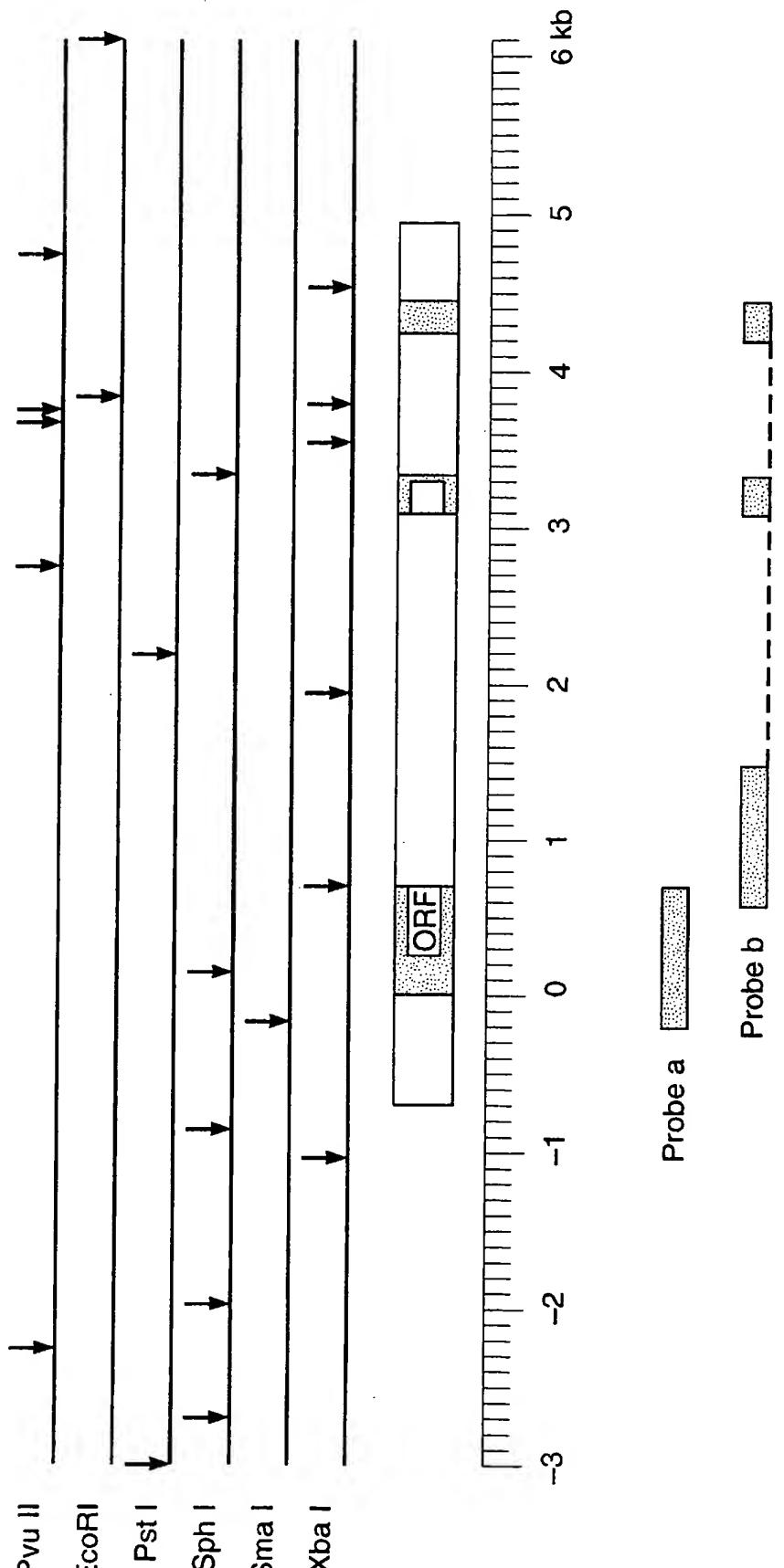
**REPLACEMENT SHEET**

**FIG. 4**



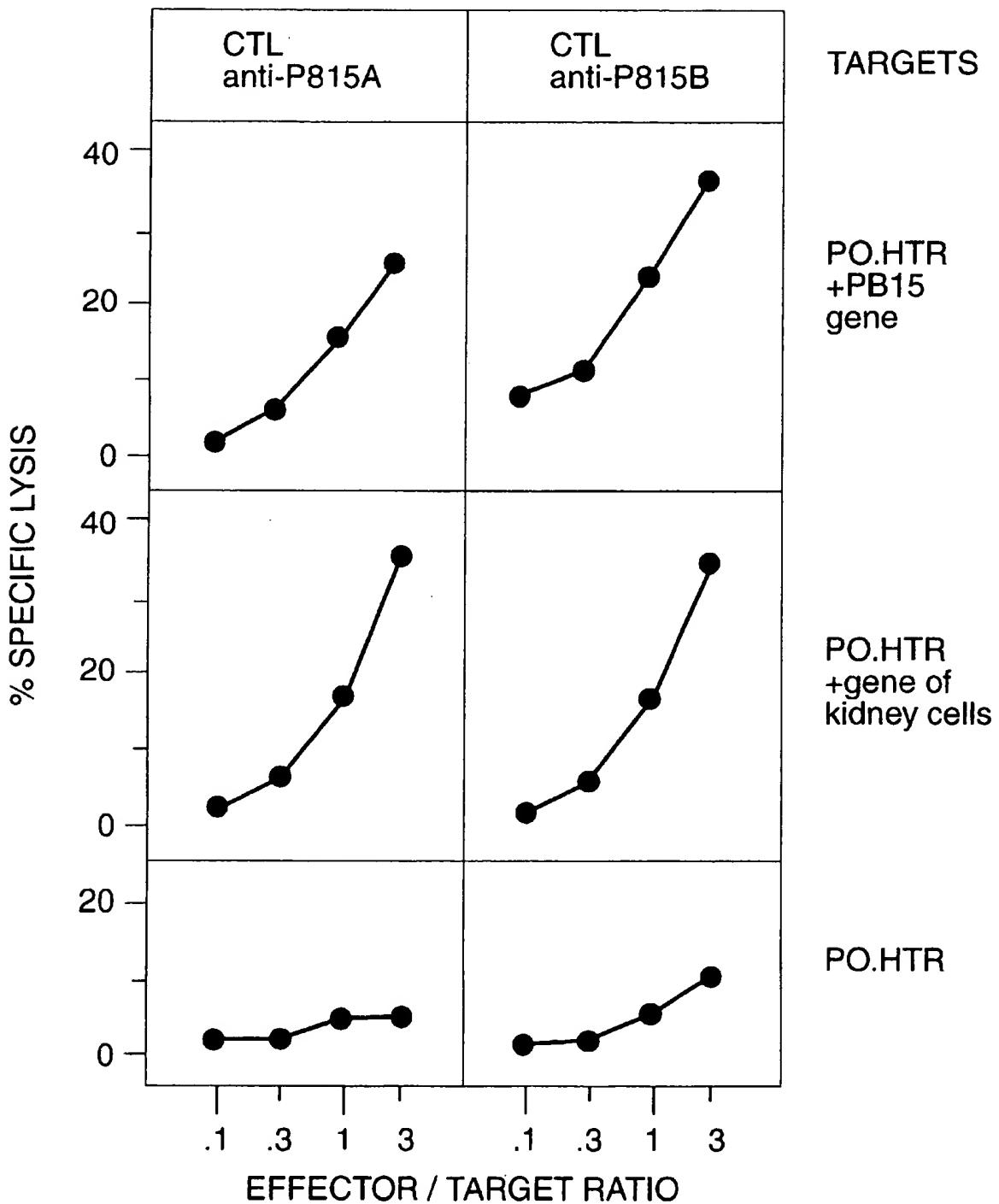
## **REPLACEMENT SHEET**

**FIG. 5**



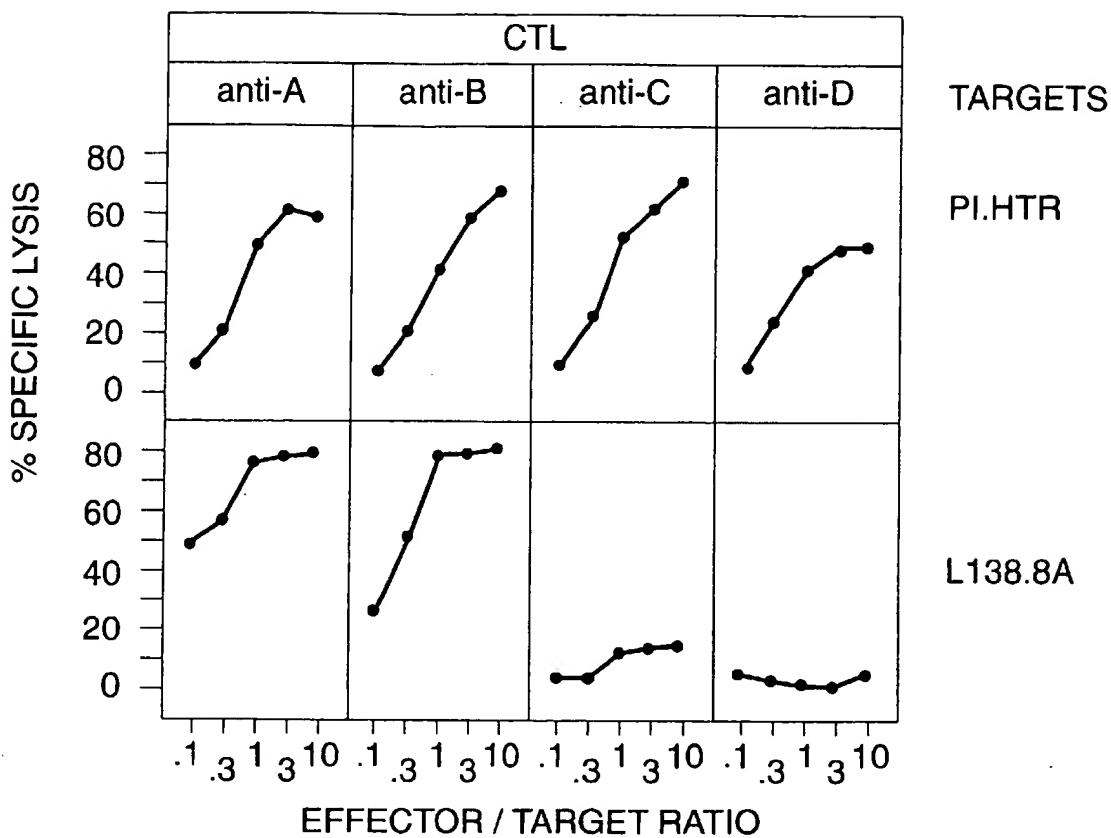
**REPLACEMENT SHEET**

# FIG. 6

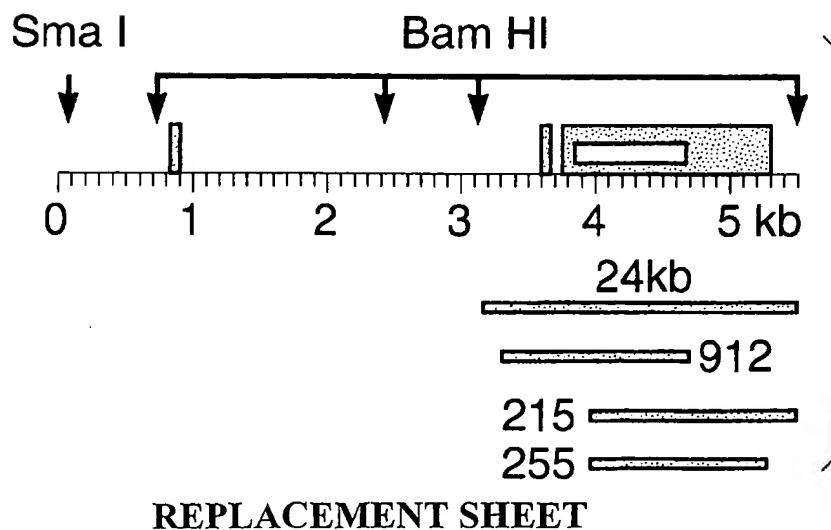


REPLACEMENT SHEET

## FIG. 7



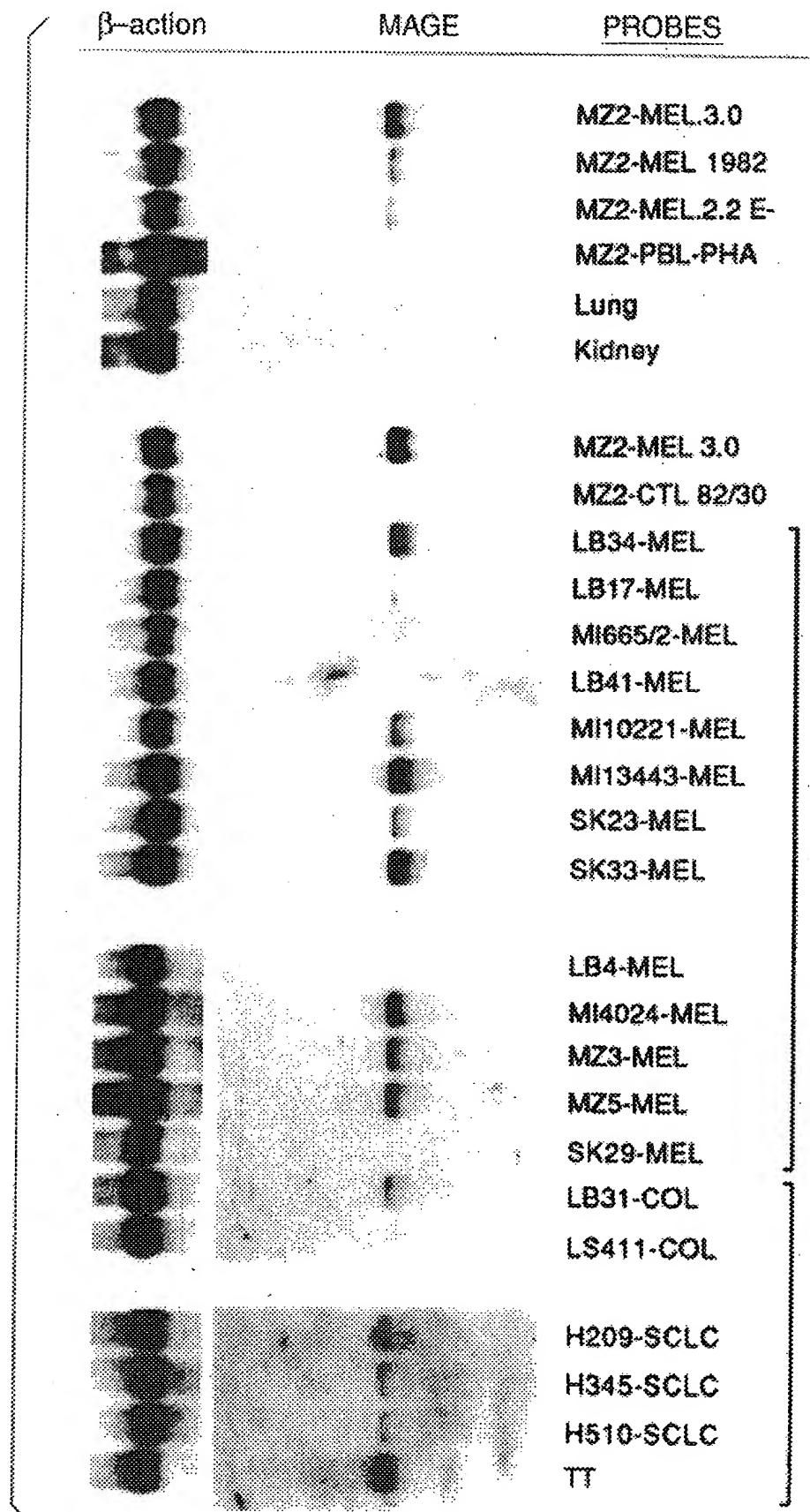
## FIG. 8



REPLACEMENT SHEET

9  
FIG.

**FIG. 10**



## FIG. 11A

		EXPRESSION OF MAGE GENE FAMILY				RECOGNITION BY ANI-E CTL		
		cDNA-PCR product probed with oligonucleotide specific for:				tested by:		
		MAGE-1	MAGE-2	MAGE-3†		TNF released‡	Lysis§	Expression of antigen MZ2-E after transfection**
Cells of patient MZ2	Northern blot probed with cross-reactive MAGE-1 probe*	+++	+++	+++	+	+	+	
	melanoma cell line MZ2-MEL.3.0	+	+++	+++	+	+	+	
	tumor sample MZ2 (1982)	+	++	++	-	-	-	
	antigen-loss variant MZ2-MEL.2.2	+	-	++	-	-	-	
	CTL clone MZ2-CTL.82/30	-	-	-	-	-	-	
	PHA-activated blood lymphocytes	-	-	-	-	-	-	
Normal tissues	Liver	-	-	-	-	-	-	
	Muscle	-	-	-	-	-	-	
	Skin	-	-	-	-	-	-	
	Lung	-	-	-	-	-	-	
	Brain	-	-	-	-	-	-	
	Kidney	-	-	-	-	-	-	
Melanoma cell lines of HLA-A1 patients	LB34-MEL	+	++	+++	+++	+	+ -	
	MI665/2-MEL	-	-	-	-	-	-	
	MI10221-MEL	+	-	++	+++	-	-	
	MI13443-MEL	+	+++	+++	+++	-	-	
	SK33-MEL	+	-	+++	+++	+	+	
	SK23-MEL	+	-	+++	+++	-	-	

\* Data obtained in the conditions of figure 5.

† Data obtained as described in figure 6.

‡ TNF release by CTL 82/30 after stimulation with the tumor cells as described in (11).

§ Lysis of 51 Cr labelled target by CTL 82/30 in the conditions of figure 1.

\*\* Cells transfected with the 2.4 kb fragment of gene MAGE-1 were tested for their ability to stimulate TNF release by CTL 82/30

## FIG. 11B

	EXPRESSION OF MAGE GENE FAMILY	RECOGNITION BY ANI-E CTL				Expression of antigen MZ2-E after transfection**		
		Northern blot probed with cross-reactive MAGE-1 probe*	cDNA-PCR product probed with oligonucleotide specific for: MAGE-1	MAGE-2	MAGE-3†	TNF release‡	Lysis§	
Melanoma cell lines of other patients	LB17-MEL LB33-MEL LB4-MEL LB41-MEL MI4024-MEL SK29-MEL MZ3-MEL MZ5-MEL	+	+	+++	+++	-	-	-
Melanoma tumor sample	BB5-MEL	+	+++	++	++	+++	+++	-
Other tumor cell lines	small cell lung cancer H209 small cell lung cancer H345 small cell lung cancer H510 small cell lung cancer LB11 bronchial squamous cell carcinoma LB37 thyroid medullary carcinoma TT colon carcinoma LB31 colon carcinoma LS411		+++	-	+++	+++	+++	-
Other tumor samples	chronic myeloid leukemia LLC5 acute myeloid leukemia TA		-	-	-	-	-	-

\* Data obtained in the conditions of figure 5.

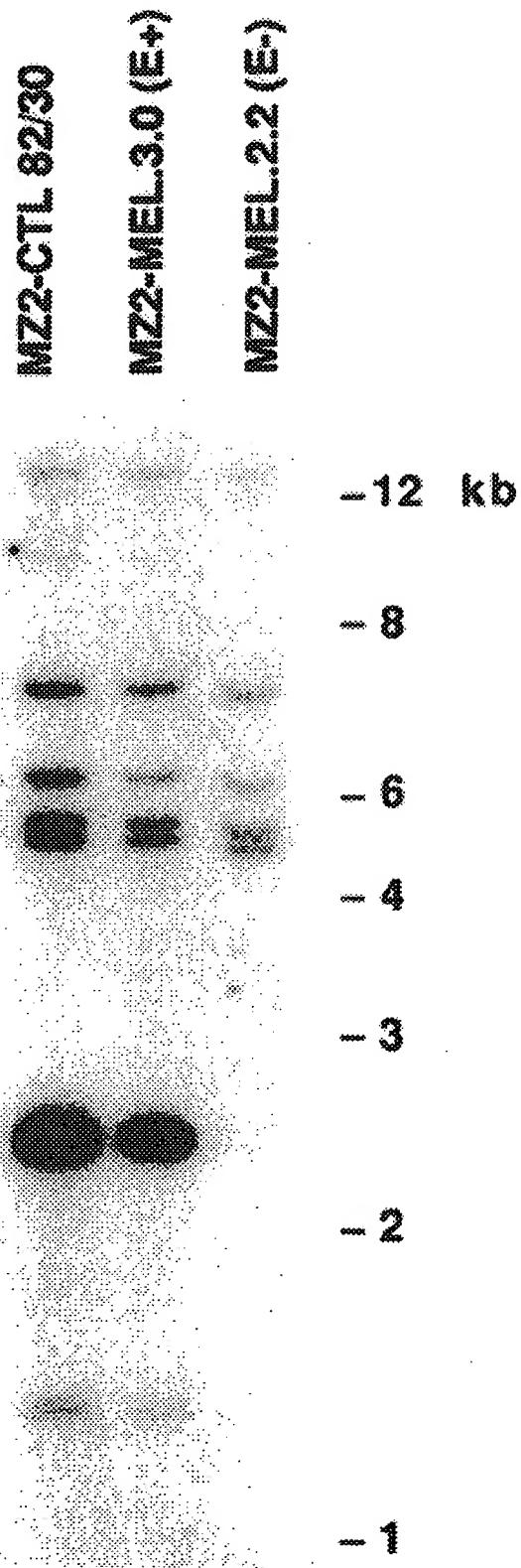
† Data obtained as described in figure 6.

‡ TNF release by CTL 82/30 after stimulation with the tumor cells as described in (11).

§ Lysis of 51 Cr labelled target by CTL 82/30 in the conditions of figure 1.

\*\* Cells transfected with the 2.4 kb fragment of gene MAGE-1 were tested for their ability to stimulate TNF release by CTL 82/30

**FIG. 12**



REPLACEMENT SHEET

FIG. 13

